

REMARKS/ARGUMENTS

Applicant would like to thank the Examiner for the careful consideration given the present application. The application has been carefully reviewed in light of the Office action, and the following remarks are presented for the Examiner's consideration.

Claims 5-8 have been added.

Claims 1-4 are rejected under 35 U.S.C. 102(b) as being anticipated by Petratos et al. (U.S. Patent No. 4,680,676). For the following reasons, the examiner's rejection is respectfully traversed.

Petratos does not teach a "metal housing covering the front surface of the printed board; and an antenna disposed on a side of the rear surface of the printed board, wherein a part of the printed board is accommodated in the resin housing; and a remaining part of the printed board is accommodated in the metal housing" as recited in claim 1.

Petratos discloses a printed circuit board 124 inserted into a frame 102 with four sides; a middle shield 138 positioned over the rear surface of the board 124 and attached to the frame 102; and a front shield 176 positioned over the front surface of the board 124 and attached to the frame 102 (col. 2, lines 48-50; col. 3, lines 50-53; col. 4, lines 40-44; and Fig. 1). In Petratos, the frame 102, the front shield 176, and the middle shield 138 are constructed from metal (col. 4, lines 9-14).

The Office action refers to the insulator 140 as a resin housing (Office action, 1/29/03, page 2). However, the insulator 140 is a thin plastic sheet adhered to the front of the metal middle shield 138. Since the middle shield is made of metal and not resin, Petratos does not have a resin housing covering the rear surface of the printed board as in the claimed invention. Furthermore, the metal middle shield 138 and the front shield 176 are attached to the metal frame 102, which accommodates the Petratos printed board within its four sides. Therefore, a part of the Petratos printed board is not accommodated in a resin housing and the remaining part of the Petratos printed board is not accommodated in a metal housing as in the claimed invention. Thus, Petratos does not teach all the elements of the claimed invention.

The Office action also refers to antenna 284, external antenna connector 288, and RF connector 136 as being disposed on a side of the rear surface of the printed board (Office action, 1/29/03, page 3). In Petratos, the antenna 284 is attached to the upper surface of the control head 280, and the external antenna connector 288 is positioned on the left side of the control head 280 (col. 5, lines 20-25). As compared to the location of the printed board's edge connector 132, the antenna 284 and external antenna connector 288 are located on a side of the front surface and not a side of the rear surface of the printed board (see Fig. 2). Thus, Petratos does not teach an antenna disposed on a side of the rear surface of the printed board. Therefore, Petratos does not teach all the elements of the claimed invention.

In regards to claim 2, Petratos does not teach that "the resin housing and the metal housing are joined with each other by a curved line from a view point of the side of the radio terminal device" as recited in claim 2. The Office action refers to item 106c and end corner of item 140 near item 142c at least forms a curved line (Office action, 1/29/03, page 3). Since

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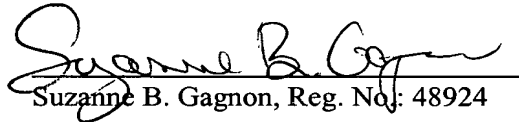
insulator 140 is a thin sheet of plastic adhered to metal middle shield 138, insulator 140 only forms a straight line when viewed from the side of the radio terminal device. Thus, Petratos does not teach all the elements of the claimed invention.

In light of the foregoing, it is respectfully submitted that the present application is in a condition for allowance and notice to that effect is hereby requested. If it is determined that the application is not in a condition for allowance, the Examiner is invited to initiate a telephone interview with the undersigned attorney to expedite prosecution of the present application.

If there are any additional fees resulting from this communication, please charge same to our Deposit Account No. 16-0820, our Order No. 32439.

Respectfully submitted,
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